ECMINT
European Course of
Minimally Invasive Neurological Therapy

EUROPEAN BOARD OF NEUROINTERVENTION

EBNI

Endovascular Treatment of Arteriovenous Malformations and Fistulas
Monday 9th to Friday 13th December 2024
St Anne's College, Oxford

Course Directors & Organisers: Prof. P Jezzard, Dr. A Rennie & Prof. P White
Course Administrators/Coordinators: Ms. Tarryn Ching & Ms. Anna Dzido

Monday, 9th December (Mary Ogilvy Lecture Theatre)

12.00	**Registration / Lunch**
13.00 - 13.15	Introduction to program and outline of course structure
13.15 - 13.40	Natural history of brain AVMs
13.40 – 14.05	Classification of brain AVMs
14.05 - 14.30	Techniques for transarterial embolization of brain AVMs
14.30 – 15.00	Management of unruptured AVMs – ARUBA fall-out
15.00 - 15.15	**Coffee / Check in**
15.15 – 15.40	Role of fMRI in bAVM treatment planning
15.40 – 16.05	Genetics of bAVMs
16.05 – 16.35	Anatomy: the skull base
16.35 – 17.00	Functional vascular neuroanatomy of the brain stem
17.00 - 18.30	Formative Quiz 1: 1h indicative but up to 90mins allowed (Orzone on-line)
19.15 prompt	**Dinner St Anne's College**

This programme is provisional. Timings and lecture titles may change.

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Tuesday, 10th December (Mary Ogilvy Lecture Theatre)

08.30 – 09.00	Liquid embolic agents
09.00 – 09.45	Techniques for transvenous embolisation of brains AVMs
09.45 - 10.15	Cavernous Malformations, telangiectasias and DVAs – natural history and management
10.15 – 10.30	**Tea / Coffee**
10.35 - 11.50	Tutorial 1
11.50 – 12.30	Imaging for pial AVMs and AVFs: how I assess angioarchiecture
12.30 – 13.30	**Lunch**
13.30 – 14.45	Tutorial 2
14.50 – 16.00	Tutorial 3
16.00 – 16.15	**Tea / Coffee**
16.15 – 16.40	Vessel closure devices: which should we use?
16.45 – 18.00	Tutorial 4
19.15 prompt	**Dinner at St Anne's College**

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Wednesday, 11th December (Mary Ogilvy Lecture Theatre)

08.30 – 09.00	Functional vascular neuroanatomy of the thalamus and internal capsule
09.05 – 10.15	Tutorial 5
10.15 – 10.30	**Tea / Coffee**
10.30 – 11.00	Management and prevention of complications during AVM embolization
11.00 - 11.25	Spinal vascular embryology and anatomy
11.30 - 12.40	Tutorial 6
12.40 – 13.40	**Lunch**
13.40 – 14.50	Tutorial 7
14.50 – 15.20	Cerebral proliferative angiopathy: what is it?
15.20 – 15.35	**Tea / Coffee**
15.40 – 16.50	Tutorial 8
16.50 - 18.20	Formative Quiz 2- 1h indicative but up to 90mins allowed (Orzone on-line)
19.00	**Meet at lodge**
19.30	**Dinner at Oriel College**

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Thursday, 12th December (Mary Ogilvy Lecture Theatre)

08.30 – 09.00	Spinal intervention: the vertebral column
09.05 – 10.15	Tutorial 9
10.15 – 10.30	**Tea / Coffee**
10.35 – 11.45	Tutorial 10
11.50 – 12.30	Brain AVMs How I approach them (+ complimentary C Cognard online only lecture accompanying)
12.30 - 13.30	**Lunch**
13.30 – 14.10	Surgery for brain AVMs: patient selection, operative considerations and post-operative management
14.10 - 14.50	High flow vascular malformations in children: pathophysiology and management
14.50 - 15.10	**Tea / Coffee**
15.10 - 15.40	Quality of life in brain AVM patients
15.40 - 16.25	Natural history and management of spinal (vascular) malformations
16.25 - 16.55	Stereotactic Radiosurgery for AVMs: with or without embolization?
19.15 prompt	**Dinner at St Anne's College**

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Friday, 13th December (Mary Ogilvy Lecture Theatre)

(NB. Check out before start of morning is preferable)

09.00 - 09.30	Sedatives, analgesics, seizure medication in Interventional Neuroradiology
09.30 – 10.00	Pre-quiz Q&A
10.00 – 10.15	**Coffee / final check out**
10.15 – 10.30	Seated and set up for final quiz
10.30 – 12.00	Final Quiz
12.00 – 13.30	Quiz overview Q and A, discussion
13.30	**Course ends**

All lectures are streamed live via ReAttendance platform. Participants will have open access to the lectures via their individual login.

Formative Quizzes (2) available 10th – 13th December 2024

Final Exam
Friday 10.30 – 12.00 (UK time - BST) 13th December 2024

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Tutorials live & online 10th – 12th December 2024
Each tutorial will be streamed live once via ReAttendance platform

Tutorials 1-5 (Group 1)

- Management and prevention of complication during EVT of brain AVMs
- Embolisation of brain dAVF: how I do it
- Strategies for managing dAVFs
- Facial vascular malformations: classification and management
- The pragmatists approach to bAVM management

Tutorials 6-10 (Group 2)

- Natural history and management of spinal (vascular) malformations
- Percutaneous spinal techniques (to include facet joint injections, epidural injections, nerve root blocks)
- Assessing the risks of embolisation of AVMs for the individual patient: Should I embolise this brain AVM? When would I advise other Rx modality?
- Angiographic analysis of AVM angioarchitecture and relevance to embolisation strategy
- Management of intracranial vascular malformations in neonates and young children

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